

Robotic and AI Task 1

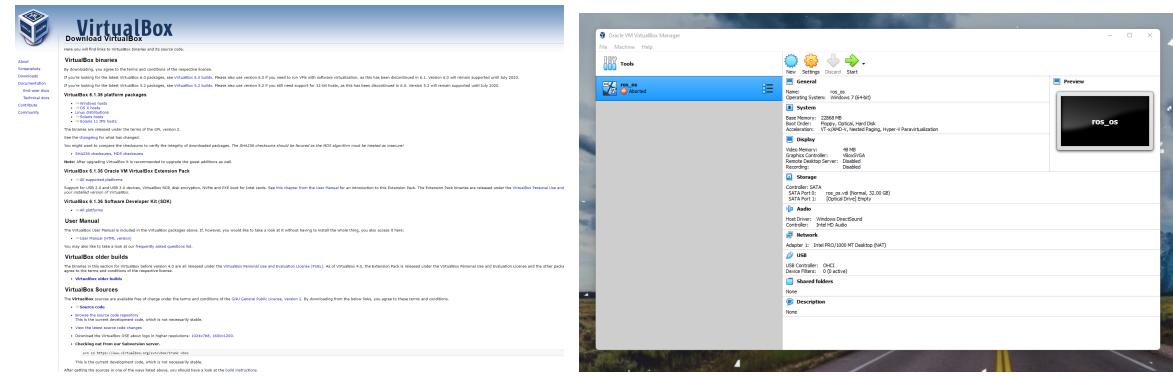
Task 1

Install Ubuntu then ROS / Install ROS melodic

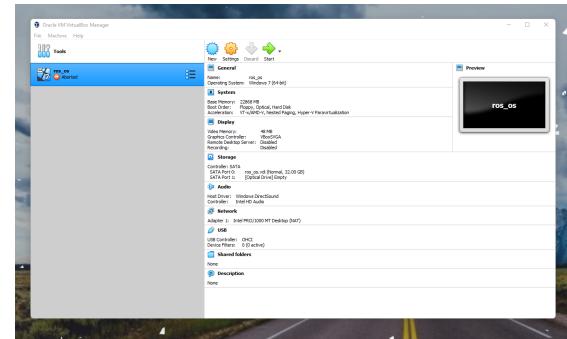
First

1. Download VirtualBox

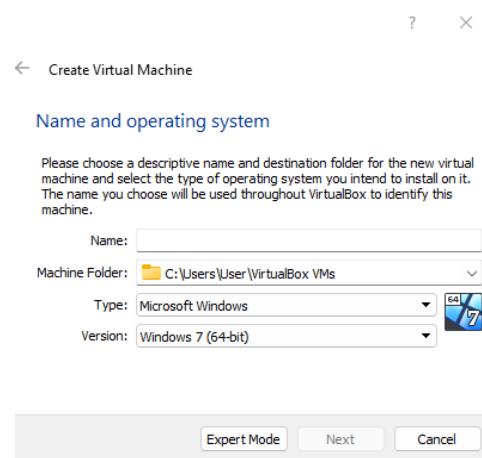
<https://www.virtualbox.org/wiki/Downloads>



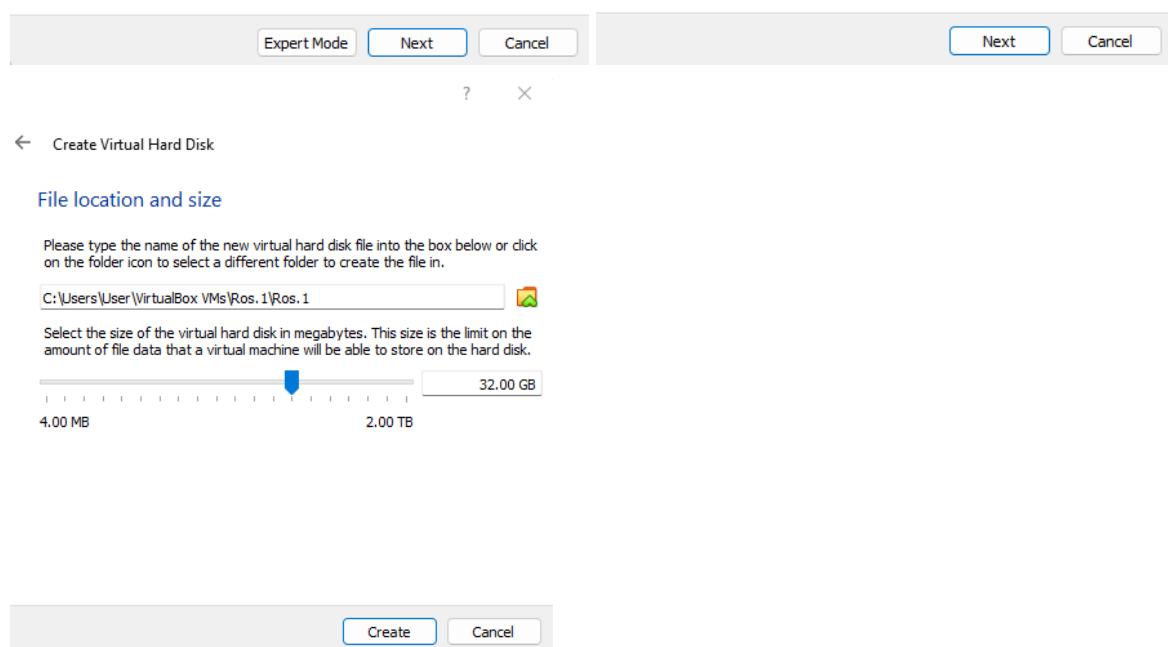
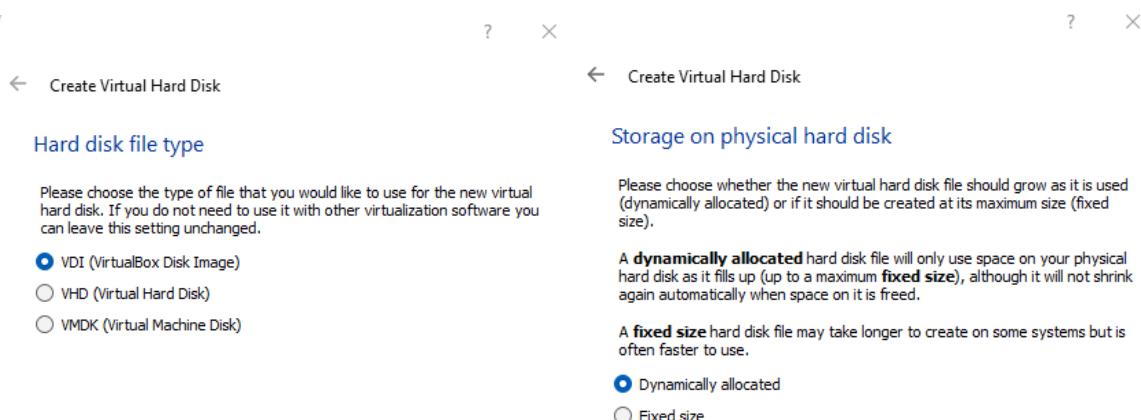
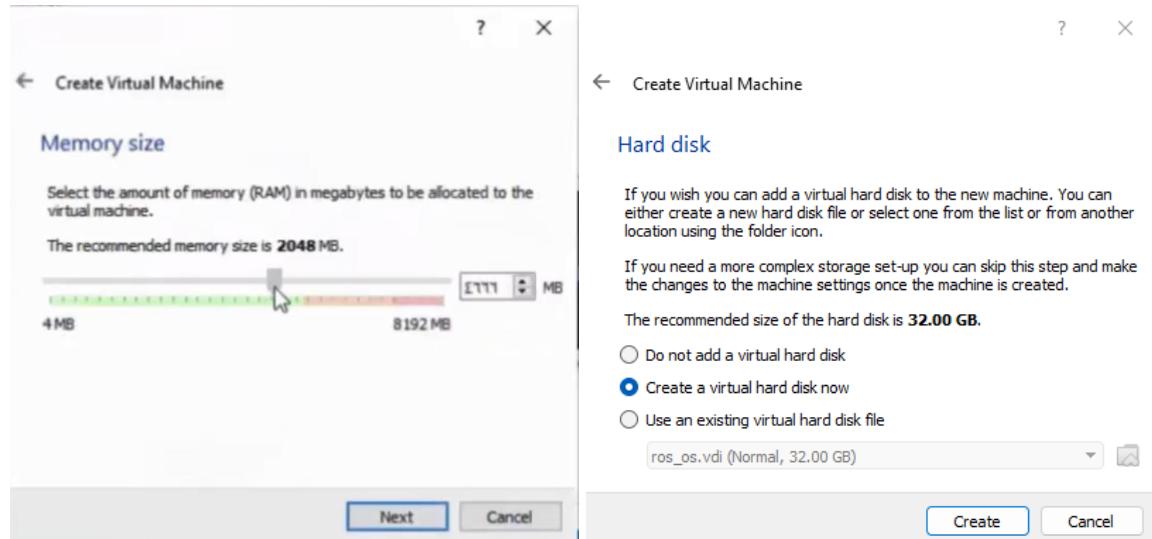
2. Open VirtualBox and Select New



3. Writing name for Virtual Machine



4. Choose the space you will use as much as possible, then create , Next , Next, create



Second

1. Download Ubuntu

<https://ubuntu.com/download/desktop>

Ubuntu 16.04.7 LTS (Xenial Xerus)

Select an image

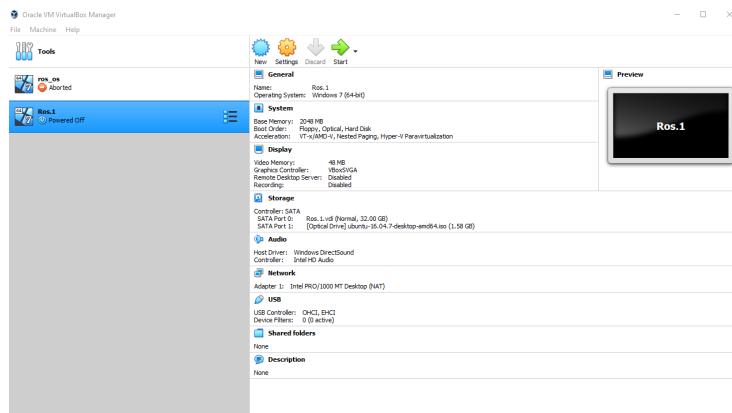
Ubuntu is distributed on two types of images described below.

The screenshot shows the Ubuntu download page. A modal window is open, asking the user to select an image type. It contains two options: "64-bit PC (AMD64) desktop image" and "32-bit PC (i386) desktop image". Both options have descriptive text and a "Choose this" link. The "64-bit PC (AMD64) desktop image" section also includes a note about RAM requirements.

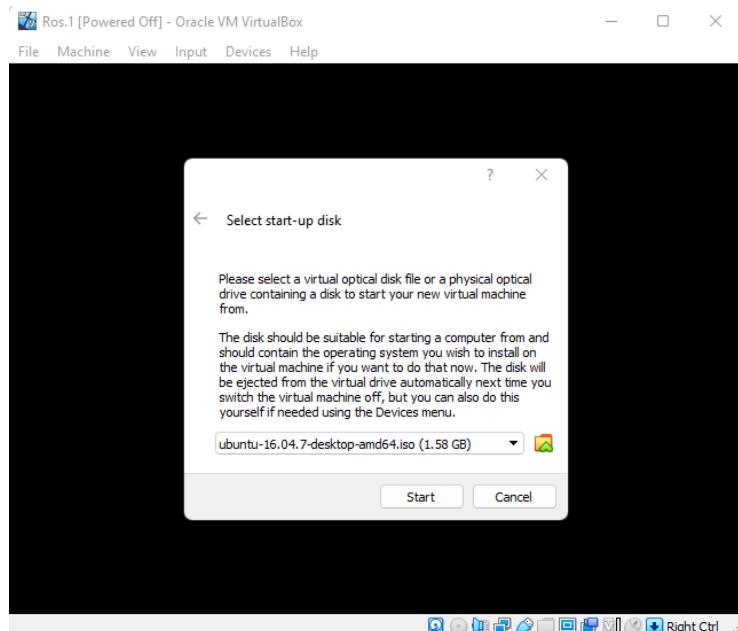
64-bit PC (AMD64) desktop image
Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). Choose this if you are at all unsure.

32-bit PC (i386) desktop image
For almost all PCs. This includes most machines with Intel/AMD/etc type processors and almost all computers that run

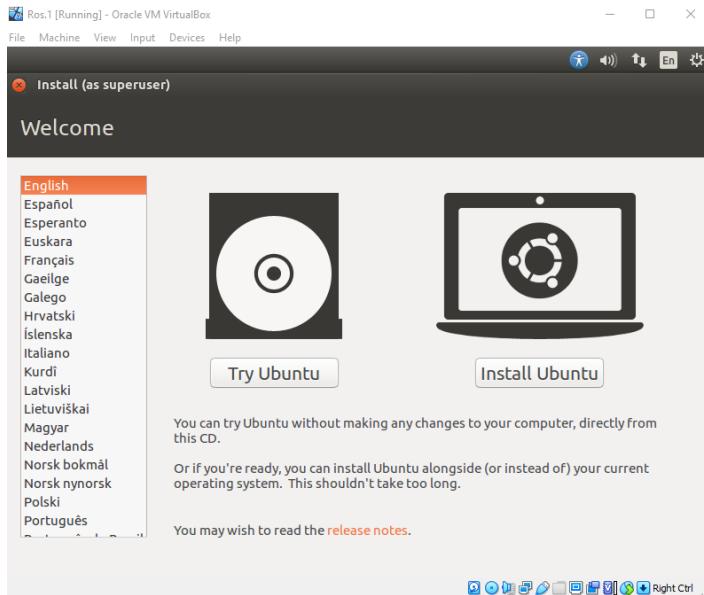
2. Click star



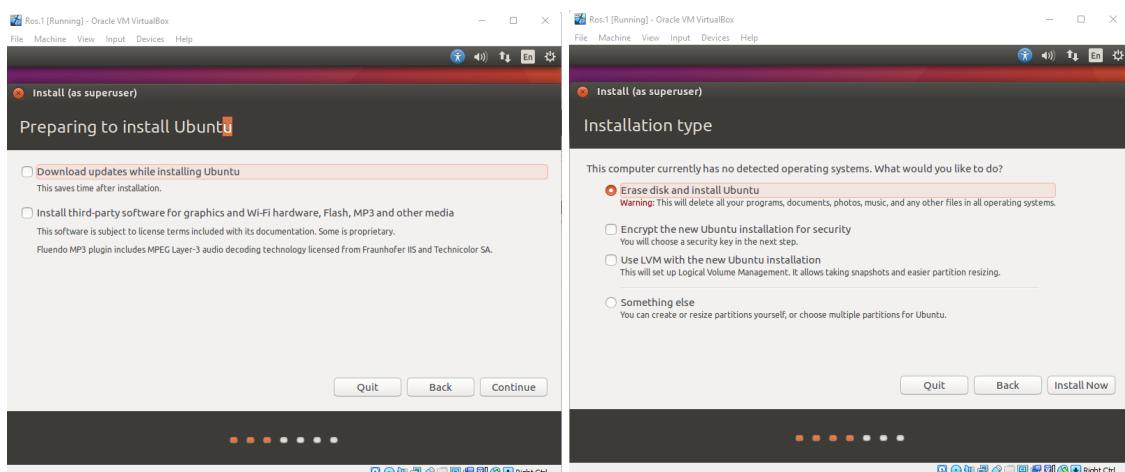
3. Choose file Ubuntu



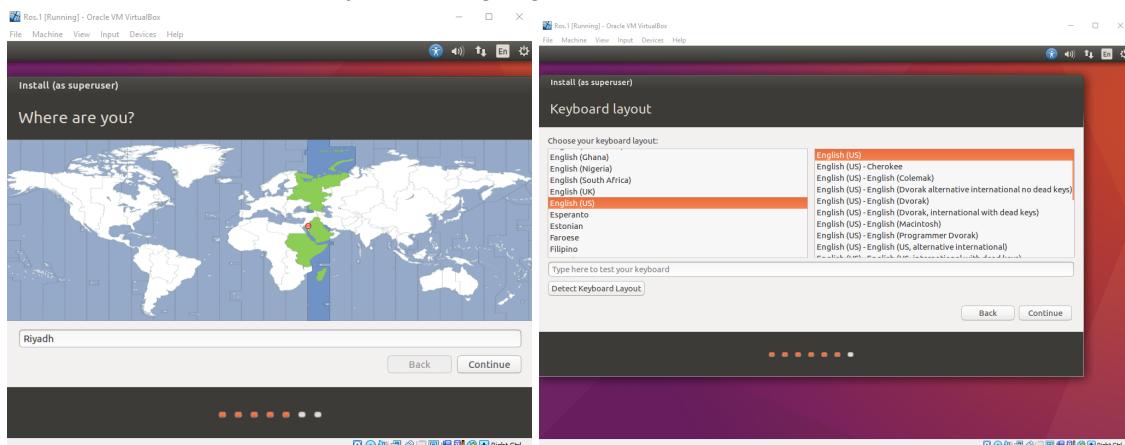
4. Click install Ubuntu



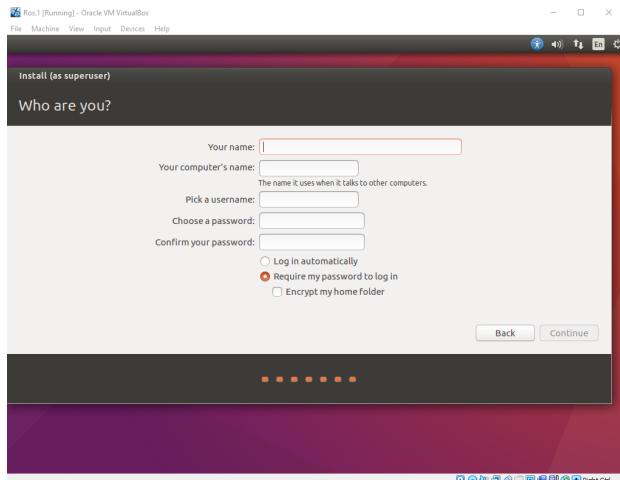
5. Click Continue



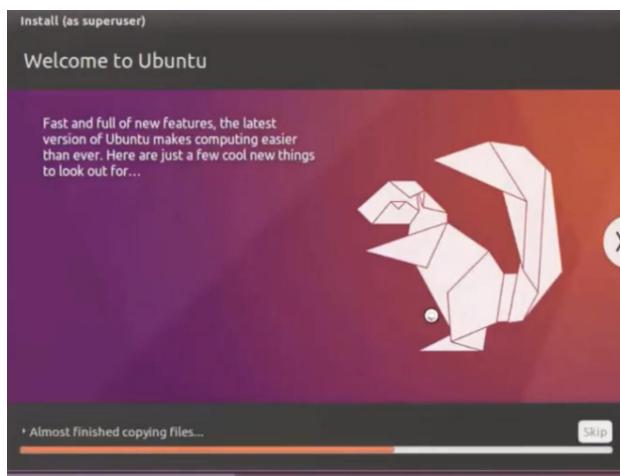
6. Choose the Country, then language



7. Writing Name and password



8. Last with than finish install

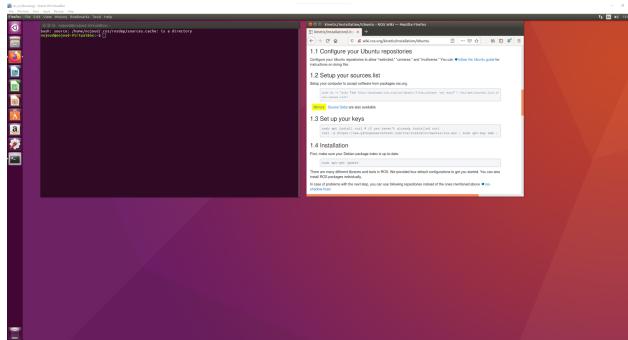


Third Download ROS

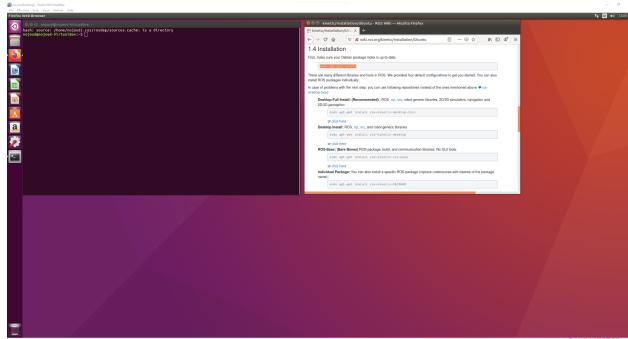
1. Open Linux



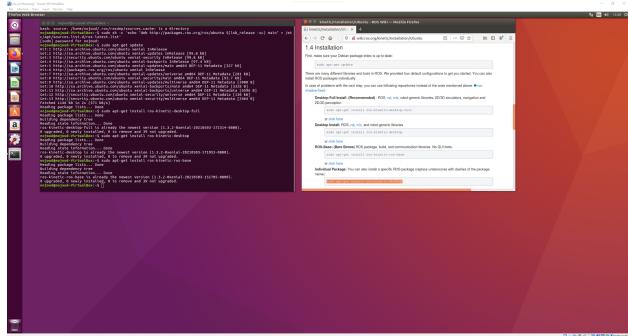
2. Open Website ROS.org <https://wiki.ros.org/melodic/Installation/Ubuntu>



3. Copy all code step by step from website ROS.org



4. And Paste all code step to Terminal



Done